Future of Work Summit
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Valarie Daunt
Partner, Deloitte
#fowsummit
Technology is progressing exponentially

Source: Deloitte Human Capital Trends, 2017
The augmented workforce

Source: Deloitte, 2017

Greater number of talent options
7 Disruptors

Technology is Everywhere

Career – 100 year life

Jobs Vulnerable to Automation

AI, Cognitive Computing, Robotics

Diversity/Generational Change

Tsunami of Data

Explosion in contingent work
7 New Realities

- Exponential organisations
- The unleashed workforce
- Lifelong learning
- Technology, talent and transformation
- Ethics of work and society
- The nimble enterprise
- Regulated Innovation
The future will impact more than just work

WHAT? “Work”
Increasings augmented by new technologies driving productivity improvement

WHO? “Workforce”
Increasingly contingent with networks of teams

WHERE? “Workplace”
Change to facilitate greater collaboration, team working and innovation

Current work options
Future work options
What should you do?

**Business Leader:** Time for action and experimentation

**Individual:** Time for lifelong learning and reinvention

**HR Leader:** Ensure people drive the future not technology
The Six Waves of AI

Hod Lipson
Professor of Engineering and Data Science at Columbia University in New York

For copy of slides contact Hod.Lipson@Columbia.edu
Key Takeaways

- **AI is growing exponentially.** It’s accelerating and changing our lives and it is already everywhere. We see AI in every aspect of our lives, from predicting the weather, predicting what song you are going to listen to – it’s listening to you, it’s talking to you.

- “Software is eating the world” Marc Andreessen – no matter what business you are in, you are in the software business. Today though, AI is eating software – no matter what business you are in, you are in the AI business.

- **What is driving this technology?**
  - Cheaper, faster, better computers at an exponential rate
  - The switch from expert system and rule based system to statistical machine learning
  - Explosion and combination of data and machine learning algorithms
  - Cloud – means AI teaching other AI systems in a self-amplifying effect
Key Takeaways

- The 6 waves of AI:
  1. Rule based AI
  2. Wave of Predictive Analytics
  3. Today we are in the 3rd wave - AI can understand things that you can not tabulate in a spreadsheet i.e. audio, visuals, text. Machines can understand better than the average human because of the data it can consume and how it can perceives things differently.
  
  The next are speculated as the next waves of the future:
  4. Wave of creative machines – can create new things out of thin air, generate its own data
  5. Physical embodiment
  6. Wave of sentience

- AI is an amplifier used to amplify what we want to do. But we need to ensure it amplifies the right traits

For copy of slides please contact Hod.Lipson@Columbia.edu
For more information contact Valarie Daunt, Partner
E: vdaunt@deloitte.ie